

Abstract

Provided is a particulate magnetic recording medium having good durability and a high C/N ratio in high-density magnetic recording (particularly when employing an MR head for reproduction). A magnetic recording medium which comprises a lower layer comprising a nonmagnetic powder and a binder and a magnetic layer comprising a ferromagnetic powder, an abrasive and a binder provided in this order on a nonmagnetic flexible support. The magnetic layer has a mean thickness d ranging from 0.01 to $0.1 \mu\text{m}$, the ferromagnetic powder contained in the magnetic layer is an acicular ferromagnetic alloy powder having the mean major axis length equal to or less than $0.1 \mu\text{m}$ and the saturation magnetization σ_s equal to or less than $120 \text{ A} \cdot \text{m}^2/\text{kg}$, and the number of abrasive protrusions ranging in height from 5 to 10 nm on the surface of the magnetic layer ranges from 15 to $25/225 \mu\text{m}^2$.